

### **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

1-4. Cancelled.

5. (Currently Amended) A continuous emulsification equipment for producing a type of process cheese comprising:

a heating equipment comprising a heating device for heating a type of process cheese and an agitation device for agitating the type of process cheese at any agitation intensity,

a holding pipe one end of which is connected to an outlet of the heating equipment and a back pressure regulating valve is provided,

a cooling device for cooling the type of process cheese which is connected to an end of the holding pipe, and

a carrying [[out]] pipe ~~one end of which is connected to an outlet of the cooling device for carrying the type of process cheese, which is already emulsified, from the cooling device, one end of which is connected to an outlet of the cooling device, and another end of which leads toward a molding and filling equipment,~~

wherein an oscillating viscometer is provided to the holding pipe or the carrying [[out]] pipe,

wherein a transducer of the oscillating viscometer is put into a mold form ~~comprising a coating material~~ made of fluorocarbon resin and is ~~configured to be immersed in the type of~~ process cheese flowing in the holding pipe or the carrying [[out]] pipe such that the transducer is not directly contacted with the type of process cheese; and

wherein an output line showing detected values by the transducer, ~~when immersed,~~ is connected with a display device, a recording device, and/or a printing device.

6. (Original) A continuous emulsification equipment according to claim 5, wherein the continuous emulsification equipment further comprises a control equipment for controlling automatically agitation intensity of the agitation device and/or opening of the back pressure regulating valve such that the detected values of the transducer becomes near a target value which is set in advance.

7-8. Cancelled.

9. (Currently Amended) A continuous production equipment for producing a type of process cheese comprising a kneader for kneading ingredients for the type of process cheese, the continuous emulsification equipment according to one of claims 5 and 6 ~~to 8~~, and a molding and filling equipment for molding and filling the type of process cheese which is sent through the carrying out pipe of the continuous emulsification equipment, and thereby a type of process cheese product is produced.